Disk Array &
Expansion Cabinet Disk Options
Section 5

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SPARCstorage Arrays - Upgrades

Part Number	Description	List Price	Discount Category
To Model 114 RSM			
UG-6DSK-4FST	Disk upgrade to SPARCstorage RSM Model 114: 6 x 4.2GB, 7200 RPM Fast/Wide SCSI-2. _Customer Returns:_ At least 12GB of Sun storage, internal or external (floppies not accepted). Minimum type storage disk accepted as return is 2.1GB.	$5,000	A*
To Model 214 RSM			
UG-2DSK-RSM-4FST	Upgrade toSPARCstorage RSM Model 214 Tray: 2 x 4.2GB (7200 RPM Fast/Wide SCSI-2 disks) SPARCstorage module _Customer returns:_ 4GB of Sun storage, internal or external disks of 1.05GB or larger per drive. Floppies not accepted.	$1,600	A*
UG-3DSK-RSM-4FST	Upgrade to SPARCstorage RSM Model 214 Tray: 3 x 4.2GB 7200 RPM Fast/Wide SCSI-2 disks. _Customer returns:_ At least 6GB of Sun storage, internal, or external disks of 1.05GB per drive or larger each. Floppies not accepted.	$7,900	A*
To Model 219 RSM			
UG-2DSK-RSM-9FST	Upgrade to SPARCstorage RSM Model 219 Series Disk Tray: 2 x 9.1GB SPARCstorage RSM drives. _Customer Returns:_ At least 4GB of Sun storage, internal or external (floppies not accepted).	$2,700	A*
UG-3DSK-RSM-9FST	Upgrade to SPARCstorage RSM Model 219 Series Disk Tray: 3 x 9.1GB SPARCstorage RSM drives. _Customer Returns:_ At least 6GB of Sun storage, internal or external (floppies not accepted). Minimum type storage disk accepted as return is 2.1GB.	$9,600	A*
To 18.2GB RSM			
UG-DSK-18GB	Upgrade to 18.2GB RSM disk; includes one 18.2GB disk for upgrade to UniPack, MultiPack, or Sun Enterprise 3000 _Customer Returns:_ At least 4GB of Sun storage, minimum 1.05GB or greater, internal or external disk (floppies not accepted)	$2,150	A*

* Maximum discount may apply.

StorEdge A1000/D1000

**StorEdge A1000/D1000 -
SUPPORTED HARDWARE CONFIGURATIONS**

SYSTEM	Maximum Arrays	Max. Storage Capacity
Sun Enterprise 450	28	1400 GB
Sun Enterprise 2	8	400 GB
Sun Enterprise 1	6	300 GB
Ultra 30	16	800 GB
Ultra 2	8	400 GB
Ultra 1	6	300 GB

Part Number	Description	List Price	Discount Category
SG-XARY023A-50G	StorEdge A1000: 50GB (12x4.2GB, 10,000RPM): tabletop, deskside, rack mountable with 1 SW RAID Interface card, 2 power supplies, 2 fantrays (4 fans), 2 Differential UltraSCSI to hot ports	$17,995	H
(X)5228A	4GB disk for StorEdge D1000 (10,000RPM)	$1,200	A
UPGRADES			
UG-D1000-50GB	Upgrade to StorEdge D1000: 50GB tabletop (12x4.2GB, 10,000RPM), JBOD only *Customer returns:* 1 SSA 1xx w/ minimum 8GB disk storage or 12GB Sun internal/external storage (no floppies)	$13,495	H
UG-A1000-DISK-4GB	4GB disk Upgrade to StorEdge D1000 *Customer returns:* 2GB Sun internal/external storage (no floppies)	$845	A

* Maximum discount may apply.

NOTES:

- Requires Solaris 2.5.1 (8/97) or higher
- Supports Sun Enterprise Volume Manager 2.4 or higher for HA and mirrored configurations.

StorEdge A3000
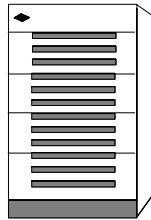
StorEdge A3000 - SUPPORTED HARDWARE CONFIGURATIONS

SYSTEM	Maximum Arrays	Max. Storage Capacity	
		4.2 GB	9.1 GB
Sun Enterprise/HPC 2	2	294 GB	637 GB
Sun Enterprise 150	1	147 GB	318 GB
Sun Enterprise/HPC 3000	4	58 GB	1.3 TB
SPARCserver 1000E	6	0.9 TB	1.9 TB
SPARCcenter 2000E	18	2.6 TB	5.7 TB
Sun Enterprise/HPC 4000	9	1.3 TB	2.8 TB
Sun Enterprise/HPC 5000	9	1.3 TB	2.8 TB
Sun Enterprise/HPC 6000	18	2.6 TB	5.7 TB
Sun Enterprise/HPC 10000	34	4.9 TB	11.0 TB

Part Number	Description	List Price	Discount Category
6532A	StorEdge A3000: 63GB (15x4.2GB, 7200RPM), 128MB cache, in Enterprise Expansion Cabinet	$87,500	A
X6533A	StorEdge A3000: 147GB (35x4.2GB, 7200RPM), 128MB cache, in Enterprise Expansion Cabinet	$109,500	A
X6534A	StorEdge A3000: 136.5GB (15x9.1GB, 7200RPM), 128MB cache, in Enterprise Expansion Cabinet	$97,500	A
X6535A	StorEdge A3000: 318.5GB (35x9.1GB, 7200RPM), 128MB cache, in Enterprise Expansion Cabinet	$132,450	A
UPGRADES			
UG-A3000-63G-4DSK	Upgrade to A3000 system: 63GB (15x4.2GB)	$76,000	A
UG-RSM2000-4FST	147GB (35 x 4.2GB 7200 RPM Fast/Wide SCSI-2 Disks) Storage Array Upgrade *Customer Returns:* At least 50GB of Sun storage, internal or external of at least 1.05GB per drive (floppies not accepted).	$98,000	A*
UG-RSM2000-9FST	136GB (15 x 9.1GB 7200 RPM Fast/Wide SCSI-2 Disks) Storage Array Upgrade with 128MB cache memory. *Customer Returns:* At least 30GB of Sun storage, internal or external (floppies not accepted). Minimum type storage disk accepted as return is 1.05GB per drive.	$86,000	A*

* Maximum discount may apply.

NOTES:

- The StorEdge 3000 requires Solaris 2.4 and higher OS revisions.

StorEdge A5000

Positioning

- Second-generation fibre channel disk array
- Open Storage Network building bloc
- Fibre Channel Arbitrated Loop technology

Specifications

- 45GB tabletop to 510GB datacenter cabinet
- 95M/sec. sustained, 7,000 random IOPS uncached
- Sun Enterprise Volume Manager 2.5 RAID software
- 9.1GB, 7200 RPM FC-AL disk drives
- Dual 100MB/sec. FC-AL loops
- Solaris 2.5.1 HW 8/97, 2.6

Applications

- Data Warehouses
- Decision support systems
- SPARCstorage Array upgrades
- Sun Enterprise Clusters

NETWORK ARRAY A5000 - SUPPORTED HARDWARE

SYSTEM	Maximum SBus FC-AL Host Adapters	Maximum Arrays	Max. Storage Capacity
Sun Enterprise 3000	6	24	3 TB
Sun Enterprise 4000	12	48	6 TB
Sun Enterprise 5000	12	48	6 TB
Sun Enterprise 6000	18	72	9 TB
Sun Enterprise 10000	20	10	1 TB (per domain)

Sun Enterprise 4/5/6000: Maximum capacities are estimated with 127GB cabinets.
Sun Enterprise 10000: Maximum capacities are estimated with 500GB cabinets.

Up to four A5000 tabletop arrays may be connected per loop.

Part Number	Description	List Price	Discount Category
SG-XARY010A-45G	Network Array A5000: 45.5GB (5 x 9.1GB 7200RPM) tabletop, 1 interface board, 2 power supplies, 2-meter fiber optic cables	$35,000	A
SG-XARY010A-127G	Network Array A5000: 127.4GB (14 x 9.1GB 7200RPM) tabletop, 2 interface boards, 3 power supplies, 2-meter fiber optic cables	$63,000	A
SG-XARY011A-127G	Network Array A5000: 127.4GB (14 x 9.1GB 7200RPM) rackmount configuration mounted on bracket with 2 meter Fibre Channel cable	$63,000	A
SG-XARY012A-254G	Network Array A5000: 254.8GB (two arrays: 14 x 9.1GB 7200RPM each) in Enterprise Expansion cabinet, 2 hubs, two 15 meter Fibre Channel cables	$143,400	A
SG-XARY012A-509G	Network Array A5000: 509.6GB (four arrays: 14 x 9.1GB 7200RPM each) in Enterprise Expansion cabinet, 2 hubs, two 15 meter Fibre Channel cables	$272,700	A

Upgrades:

From	Part Number & Description	List Price	Discount Category
SSA 10x/11x	**UG-A5000-45GB** Upgrade to A5000: 45GB, tabletop with (5 x 9.1GB, 7200rpm), 1 interface board, 2 power supplies, and 2 meter fiber optic cables *Customer returns:* SSA 101, 102, 112, or 114 with minimum 20GB disk	$24,900	A*
SSA 11x/21x	**UG-A5000-127GB** Upgrade to A5000: 127GB, tabletop with (14 x 9.1GB, 7200rpm), 2 interface boards, 3 power supplies, and 2 meter fiber optic cables *Customer returns:* SSA 102, 112, 114, or 21x RSM with minimum 37GB disk	$44,900	A*
SSA 21x	**UG-A5000-254GB** Upgrade to A5000: 256GB, Expansion cabinet with 2 arrays (14 x 9.1GB, 7200rpm each), 2 Hubs,15 meter fiber optic cables *Customer returns:* 1) SSA 11x, 20x, or 21x RSM with minimum 40GB disk or 2) SSA 210, 214, or 219 with minimum 100GB disk	$106,900	A*
Any SSA	**UG-A5000-509GB** Upgrade to A5000: 509GB, Expansion cabinet with 4 arrays (14 x 9.1GB, 7200rpm each), 2 Hubs,two 15 meter fiber optic cables *Customer returns:* 1) 4 SSAs 1xx with minimum 37GB disk or 2) 2 SSAs 21x with minimum 75GB disk or 3) 1 SSA 219 with minimum 125GB disk	$232,200	A*
Disks	**UG-A5000-9DSK** Upgrade to A5000 disk drive: 2.1GB, 7200rpm FC-AL *Customer returns:* Minimum 4GB Sun Disk Storage (except floppies)	$1,800	A*

* Maximum discount may apply.

StorEdge A7000
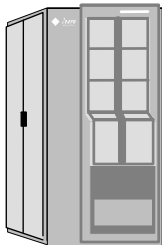
Positioning
- Multiplatform mainframe & open storage connectivity
- True data sharing
- Mission-critical/mainframe-class RAS storage
- Highest capacity disk storage

Specifications
- Mainframe, UNIX, and NT systems connectivity
- Dual-redundant UNIX SMP storage processors
- Up to 32 host connections: BMC, ESCON, and SCSI
- 1 - 4GB of mirrored data cache
- 217 - 2,930GB capacity
- 9.1GB, 7200rpm SCSI disk drives
- Solaris 2.5.1, 2.6; HP-UX 10.01, 10.20; IBM AIX 4.1.3/4.2; NT 4.0

Applications
- Enterprise information sharing
- Data warehouses/loading
- Decision support systems loading from mainframe
- Multiplatform storage consolidation
- High-availability OLTP

Upgrades:

From	Part Number & Description	List Price	Discount Category
SSA 200 Series RSM2000	**UG-A7000-0GB** Upgrade to A7000 Base cabinet system with intelligent processors and 2 disk drawers *Customer returns:* 1) SSA 200 Series with minimum of 80GB disk or 2) RSM2000 with minimum of 80GB disk	$98,000	A
Storage	**UG-A7000-9GB-DSK** Upgrade to A7000 54.6GB disk pack *Customer returns:* Minimum of: 1) 12GB of Sun disk storage (internal of disks of 2.1GB or greater, no floppies) or 2) 24GB SP30/SP40 disk pack (6x4GB)	$19,500	A
256MB safe cache memory	**UG-A7000-MEM-1GB** Upgrade to A7000 512MB safte cache memory with two 512M safe cache memory modules *Customer returns:* Two 256MB safe cache memory modules from SP30, SP40, or A7000 storage system.	$46,970	A
2 Drawer Expansion Cabinet	**UG-A7000-EXCABINET** Upgrade to A7000 4-drawer cabinet *Customer returns:* SP30, SP40, or A7000 two-drawer expansion cabinet	$114,690	A

NETWORK ARRAY A7000 - SUPPORTED HARDWARE CONFIGURATIONS

SYSTEM	Maximum SBus DWIS/UDWIS Host Adapters	Maximum A7000	Max. Storage Capacity
Sun Enterprise 3000	8	2	6 TB
Sun Enterprise 4000	8	2	6 TB
Sun Enterprise 5000	8	2	6 TB
Sun Enterprise 6000	8	2	6 TB
Sun Enterprise 10000	8	2	6 TB

StorEdge A7000

Step 1: (Required)

Base Package →

Part Number	Description	List Price	Discount Category
SG-ARY002A-0G	A7000 Base Cabinet: Intelligent processors, 2 disk drawers	$120,000	A

Step 2: (Optional)

Storage Expansion Subsystem

Maximum of 1 per A7000.
2 drawer (108 drive slots), or 4 drawer (216 drive slots) →

Choose one:

STORAGE EXPANSION SUBSYSTEM			
6784A	2 drawer (108 drive slot) expansion system, drive ready	$111,540	A
6786A	4 drawer (216 drive slot) expansion system, drive ready	$127,690	A

Step 3: (Required/Optional)

4a. Memory - Required
4b. Remote Dual Copy (RDC) HW - Optional

Minimum 1024MB physical cache.
Maximum 1024MB physical cache (with RDC).
Maximum 4096MB physical cache (without RDC).

1024MB Increments (2 x 512MB cache boards)

Customers must have a minimum of 2096MB of cache for an Expansion Subsystem, except for RDC A7000s. →

Choose from:

MEMORY / RDC			
6773A	1024MB of protected cache memory (2x512MB cache boards), reflective memory channel	$50,770	A
1077A	Protected cache, initial board pair Remote Dual Copy ready HW, 1024MB	$85,380	A

Step 4a: (Required)

Storage Packages

Minimum of 4.
Maximum of 18 (no Expansion Subsystem)
Maximum of 36 (2 drawer Expansion Subsystem)
Maximum of 54 (4 drawer Expansion Subsystem) →

STORAGE PACKAGES			
6287A	54.3GB storage package	$24,000	A

Step 4b: (Required)

Storage Enclosure Kits

Minimum of 1.
1 Kit per 2 storage packages or fraction thereof. →

STORAGE ENCLOSURE KITS			
9652A	Hardware enclosure for disk drive six pack. Automatically packaged with disk storage as required	N/C	N/D

StorEdge A7000 (Cont.)

Step 4c: (Required)

A7000 Disk Controller with RAID Accelerator

4-8 storage pkgs: 1 disk controller kit (2 slots)
9-16 storage pkgs: 2 disk controller kit (4 slots)
17-24 storage pkgs: 3 disk controller kit (6 slots)
25-32 storage pkgs: 4 disk controller kit (8 slots)
33-40 storage pkgs: 5 disk controller kit (10 slots)
41-48 storage pkgs: 6 disk controller kit (12 slots)
49-54 storage pkgs: 7 disk controller kit (14 slots)

Step 5: (Required)

Host Connections

Minimum of 1 type: SCSI, ESCON, or BMC.
Maximum of 3 types: SCSI, ESCON, and/or BMC.

Step 5a: (Required/Optional)

SCSI Target Emulator (STE)

Minimum of 0 per A7000.
Maximum of 8 per A7000 (32 channels)

Step 5b: (Required/Optional)

ESCON Adapters

Minimum of 0 kits per A7000.
Maximum of 8 kits per A7000 (32 channels)

Step 5c: (Required/Optional)

BMC Adapters

Minimum of 0 kits per A7000.
Maximum of 4 kits per A7000 (32 channels)

Part Number	Description	List Price	Discount Category
	DISK CONTROLLER		
1076A	A7000 Base cabinet with intelligent processors, 2 disk drawers	$120,000	A

	SCSI TARGET EMULATOR		
6793A	A7000 Quad STE: 1 connector, 1 slot	$19,230	A
6794A	A7000 Quad STE: 2 connector, 1 slot	$19,230	A
6795A	A7000 Quad STE: 4 connector, 1 slot	$19,230	A

	ESCON ADAPTERS		
6780A	Dual Channel ESCON board pair, odd-numbered pair, no cables	$61,540	A
6779A	Dual Channel ESCON board pair, even-numbered pair, no cables	$61,540	A

	BMC ADAPTERS		
6778A	Quad Channel BMC board pair, without cables	$52,310	A

StorEdge A7000 (Cont.)

Step 6: (Recommended/Optional)

> **Host Cables**
>
> Minimum of 0 cables (cables provided by customers)

Step 6a: (Recommended/Optional)

> **SCSI - Generic Host**
>
> Maximum of 1 cable per host connection specified.

Step 6b: (Recommended/Optional)

> **SCSI - IBM RS/6000 Host**
>
> Maximum of 1 cable per host connection specified

Step 6c: (Recommended/Optional)

> **ESCON**
>
> Maximum of 1 cable per channel ordered.

Step 6d: (Recommended/Optional)

> **BMC Cable Pairs (Bus & Tag)**
>
> Maximum of 1 cable per channel ordered.

Step 7: (Optional)

> **DataShare Software User License**
>
> 1 per A7000.

Part Number	Description	List Price	Discount Category
	SCSI - GENERIC HOST		
3840A	68-68 pin host SCSI cable *NOTE:* Not for IBM RS/6000	$150	A

Part Number	Description	List Price	Discount Category
	SCSI - IBM RS/6000 HOST		
3841A	68-68 pin host SCSI cable for IBM RS/6000	$150	A

Part Number	Description	List Price	Discount Category
	ESCON		
3846A	ESCON serial mainframe host connection cable, 13m	$140	A
3847A	ESCON serial mainframe host connection cable, 31m	$310	A

Part Number	Description	List Price	Discount Category
	BMC CABLE PAIRS		
3842A	Bus and Tag/BMC cable pair for mainframe host connection, 0.5m	$80	A
3843A	Bus and Tag/BMC cable pair for mainframe host connection, 10m	$270	A
3844A	Bus and Tag/BMC cable pair for mainframe host connection, 20m	$380	A
3845A	Bus and Tag/BMC cable pair for mainframe host connection, 30m	$490	A

Part Number	Description	List Price	Discount Category
	DATASHARE SOFTWARE		
SP40-AU-L	A7000 Disk Array Subsystem DataShare, documenation, annual use license	$200,000	A

StorEdge A7000 (Cont.)

Step 8: (Optional)

Remote Dual Copy (RDC) Software & License, Fibre Optic Reflective Memory (FORM) 2 per A7000 RDC pair (1 per A7000)

➤

Step 9: (Optional)

Second Power Conditioning Module Maximum of 1 per base A7000 (no Expansion Subsystem) Maximum of 2 per A7000 (with Expansion Subsystem)

➤

Step 10: (Required)

A7000 Power Cords Minimum 1 per A7000 U.S. or International, Single or Dual CPU

➤

Step 11: (Required)

A7000 Operating System

➤

Step 12: (Required)

Submit configuration to StorEdge A7000 Sales Desk with A7000 Allocator Print-Out at: **http://sales-desk.west/**

Part Number	Description	List Price	Discount Category
RDC Software, FORM			
SP40-ACR-QIC	A7000 disk Array Campus Wide Remote Dual Copy software, 1/4" tape cartridge, documentation, license	$80,000	A

Part Number	Description	List Price	Discount Category
2ND POWER CONDITIONING MODULE			
9688A	Additional power conditioning unit for A7000 base or expansion for dual-power high-availability	$15,765	A

Part Number	Description	List Price	Discount Category
POWER CORDS			
3852A	Power cord for single power conditioning unit A7000 base or expansion cabinet, U.S.	N/C	N/D
3854A	Power cord for dual power conditioning unit A7000 base or expansion cabinet, U.S.	N/C	N/D
3853A	Power cord for single power conditioning unit A7000 base or expansion cabinet, International	N/C	N/D
3855A	Power cord for dual power conditioning unit A7000 base or expansion cabinet, International	N/C	N/D

Part Number	Description	List Price	Discount Category
OPERATING SYSTEM			
SP40-OS-QIC	A7000 Disk Array operating system software: 1/4" tape media, documentation, license	N/C	N/D

Array-System Compatibility

Model	Description	List Price	Discount Category	E450	E3000	E4000	E5000	E6000	E10000
StorEdge A3000									
6532A ■	A3000: 63GB (15x4.2GB 7200RPM) in Expansion cabinet w/ 128MB cache	$94,250	A	✓	✓	✓	✓	✓	✓
(X)6533A ■	A3000: 147GB (35x4.2GB 7200 RPM drives) in an Expansion Cabinet with 128MB cache	$125,250	A	✓	✓	✓	✓	✓	✓
(X)6534A ■	A3000: 136.5GB (15x9.1GB 7200 RPM drives) in an Expansion Cabinet with 128MB cache	$108,050	A	✓	✓	✓	✓	✓	✓
(X)6535A ■	A3000: 318.5GB (35x9.1GB 7200 RPM drives) in an Expansion Cabinet with 128MB cache	$157,450	A	✓	✓	✓	✓	✓	✓
StorEdge A5000									
SG-XARY010A-45G	A5000: 45.5GB (5 x 9.1GB 7200RPM) tabletop, 1 interface board, 2 power supplies, 2-meter fiber optic cables	$35,000	A	✓	24	48	48	72	
SG-XARY010A-127G	A5000: 127.4GB (14 x 9.1GB 7200RPM) tabletop, 2 interface boards, 3 power supplies, 2-meter fiber optic cables	$63,000	A	✓	24	48	48	72	
SG-(X)ARY011A-127G ✢	A5000: 127.4GB (14 x 9.1GB 7200RPM) rackmount configuration mounted on bracket with 2 meter Fibre Channel cable	$63,000	A		24	48	48	72	
SG-(X)ARY012A-254G ♦	A5000: 254.8GB (two arrays: 14 x 9.1GB 7200RPM each) in Enterprise Expansion cabinet, 2 hubs	$143,400	A	✓	6	12	12	18	10
SG-(X)ARY012A-509G ♦	A5000: 509.6GB (four arrays: 14 x 9.1GB 7200RPM each) in Enterprise Expansion cabinet, 2 hubs, two 15 meter Fibre Channel cables	$272,700	A	✓	6	12	12	18	10
ITCOPS-NAMS-1	Sun Enterprise Network Array A5000 Data Migration Service	$80,000	N/D						
StorEdge A7000									
SG-ARY002A-0G	A7000 Base Cabinet: Intelligent processors, 2 disk drawers	$120,000	A		✓	✓	✓	✓	✓
SP40-ACR-QIC	A7000 disk Array Campus Wide Remote Dual Copy software, 1/4" tape cartridge, documentation, license	$80,000	A		✓	✓	✓	✓	✓
SP40-AU-L	A7000 Disk Array Subsystem DataShare, documenation, annual use license	$200,000	A		✓	✓	✓	✓	✓
SP40-OS-QIC	A7000 Disk Array operating system software: 1/4" tape media, documentation, license	N/C	N/D		✓	✓	✓	✓	✓

■ A3000: Requires Solaris 2.4 or later. Order 2 of the appropriate Power Cord Kits per A3000 (X3800A or X3848A).

✢ A5000: Append 'R4' to the end for installation in system cabinet.
          Append 'R5' to the end for installation in expansion cabinet.
          Include the 'X' to order as a standalone option for existing systems.

♦ A5000: Exclude the 'X' for factory configuration with Sun Enterprise 10000.

Array Options

Option	Description	List Price	Disc Cat	StorEdge 3000	StorEdge A5000	StorEge A7000
(X)1065A	SBus Ultra Differential Fast/Wide Intelligent SCSI Host Adapter	$1,295	A	✓		
(X)1076A ✛	A7000 Base cabinet with intelligent processors, 2 disk drawers	$120,000	A			✓
(X)1077A ✛	Protected cache, initial board pair Remote Dual Copy ready HW, 1024MB	$85,380	A			✓
(X)3800A	Power cord for A3000 and SPARCstorage Array Model 200 RSM Series, U.S. Version. _**NOTE:**_ Applicable only to 176.4GB SSA Model 214 RSM (X6593A). The appropriate Power Cord Kit must be ordered separately for the SSA Model 200 RSM series.	NC	N/D	✓	✓	
X3835A	3-Connector SCSI Cluster Cable	$165	N/D	✓		
X3838A	SCSI Daisy Chain Cable, 6 meters	$125	N/D	✓		
X3839A	SCSI Daisy Chain Cable, 8 meters	$125	N/D	✓		
(X)3840A ✛	68-68 pin host SCSI cable _NOTE:_ Not for IBM RS/6000	$150	A			✓
(X)3841A ✛	68-68 pin host SCSI cable for IBM RS/6000	$150	A			✓
(X)3842A ✛	Bus and Tag/BMC cable pair for mainframe host connection, 0.5m	$80	A			✓
(X)3843A ✛	Bus and Tag/BMC cable pair for mainframe host connection, 10m	$270	A			✓
(X)3844A ✛	Bus and Tag/BMC cable pair for mainframe host connection, 20m	$380	A			✓
(X)3845A ✛	Bus and Tag/BMC cable pair for mainframe host connection, 30m	$490	A			✓
(X)3846A ✛	ESCON serial mainframe host connection cable, 13m	$140	A			✓
(X)3847A ✛	ESCON serial mainframe host connection cable, 31m	$310	A			✓
X3848A	Power cord for Enterprise System and Expansion Cabinet, International version (IEC 309, 32A, 250V plug). _NOTE:_ The appropriate Power Cord Kit must be ordered separately for the SSA Model 200RSM series	N/C	N/D	✓	✓	
(X)3852A ✛	Power cord for single power conditioning unit A7000 base or expansion cabinet, U.S.	N/C	N/D			✓
(X)3854A ✛	Power cord for dual power conditioning unit A7000 base or expansion cabinet, U.S.	N/C	N/D			✓
(X)3853A ✛	Power cord for single power conditioning unit A7000 base or expansion cabinet, International	N/C	N/D			✓
(X)3855A ✛	Power cord for dual power conditioning unit A7000 base or expansion cabinet, International	N/C	N/D			✓
(X)6226A(R4/5)	400GB 8mm SSL Model 8/400, rack-mountable unit w/ tape drives	$23,500	A	✓		
(X)6287A ✛	54.3GB storage package	$24,000	A			✓
(X)6507A(R4/R5)✚	RSM Tray: 12.6GB (3x4.2GB 7200 RPM fast/wide SCSI-2 disks)	$9,650	A	✓		
(X)6508A(R4/R5)✚	RSM Tray: 29.4GB (7x4.2GB 7200 RPM fast/wide SCSI-2 disks)	$14,050	A	✓		
(X)6509A(R4/R5)✚	RSM Drive Module: 4.2GB 7200 RPM	$1,100	A	✓		
X6510A	RSM SCSI environmental card	$700	A	✓		
X6513A	Power sequencer for Enterprise Expansion Cabinet for configuring A3000.	$1,100	A	✓		
(X)6514A(R4/R5)✚	RSM Tray: 27.3GB (3 x 9.1GB)	$11,600	A*	✓▲		
(X)6515A(R4/R5)✚	RSM Tray: 63.7GB (7 x 9.1GB)	$18,600	A*	✓▲		
(X)6516A(R4/R5)✚	RSM Drive Module: 9.1GB 7200 RPM	$1,750	A*	✓▲		
6532A	A3000 module: 65GB (15x4.2GB 7200 RPM drives)	$87,500	A	✓		

✚ Requires Solaris 2.3 or later.   ✛ Standalone versions for existing systems will have limited avilability until the end of March 1998. Consult Sales Desk
▲ Requires Solaris 2.4 or later.

- Add "X" before the Order Number to order as a standalone option for existing systems.

- Append "R4" for factory-installation in a System Cabinet, "R5" for Expansion Cabinet.   _**Storage - Page 5-11**_

Array Options

Option	Description	List Price	Disc Cat	StorEdge 3000	StorEdge A5000	StorEge A7000
(X)6533A	A3000 module: 147GB (35x4.2GB 7200 RPM drives)	$109,500	A	✓		
(X)6534A	A3000 module: 136GB (15x9.1GB 7200 RPM drives)	$97,250	A	✓		
(X)6535A	A3000 module: 318GB (35x9.1GB 7200 RPM drives)	$132,450	A	✓		
X6536A	A3000 Controller Rack Mount with 128MB cache memory.	$26,150	A*	✓		
X6708A	9.1GB 7200 RPM FC-AL Disk Drive. Mounts only in FC-AL 1.6" slots	$2,500	A		✓	
(X)6730A(R4)	SBus Host Adapter: FC-100 FC-AL with 1 GBIC	$2,700	A		✓	
(X)6731A(R4)	GBIC Module: FC-100 FC-AL	$600	A		✓	
X6732A	7-Port Hub: FC-100 FC-AL, no GBICs	$2,300	A		✓	
X6734A	System Interface Board with one GBIC for A5000	$3,650	A		✓	
6735A	Dual FC-AL hub rackmount kit for mounting in Enterprise expansion cabinet	$300	A		✓	
(X)6773A ✛	1024MB of protected cache memory (2x512MB cache boards), reflective memory channel	$50,770	A			✓
(X)6778A ✛	Quad Channel BMC board pair, without cables	$52,310	A			✓
(X)6779A ✛	Dual Channel ESCON board pair, even-numbered pair, no cables	$61,540	A			✓
(X)6780A ✛	Dual Channel ESCON board pair, odd-numbered pair, no cables	$61,540	A			✓
(X)6784A ✛	2 drawer (108 drive slot) expansion system, drive ready	$111,540	A			✓
(X)6786A ✛	4 drawer (216 drive slot) expansion system, drive ready	$127,690	A			✓
(X)7020A	A3000 64MB add-on cache memory	$2,000	A*	✓		
9641A	SPARCstorage FlexiPack removable storage tray	$350	A	✓		
(X)9650A(R4/5)	A5000 rack mounting kit for installation in system or expansion cabinet	$450	A		✓	
(X)9652A ✛	Hardware enclosure for disk drive six pack. Automatically packaged with disk storage as required	N/C	N/D			✓
X9687A	System Power Supply for A5000	$1,850	A		✓	
9688A	Additional power conditioning unit for A7000 base or expansion for dual-power high-availability	$15,765	A			✓
A3000HP-6140-B	A3000 Volume Management software for HP servers (K and D Series)	N/C	N/A	✓		
A3000NT-6121-B	A3000 Volume Management software for NT servers	N/C	N/A	✓		
NF-INST-SSA	SPARCstorage Array installation service	$1,800	N/D		✓	

✚ Requires Solaris 2.3 or later.　　　　✛ Standalone versions for existing systems will have limited avilability until the end of March 1998. Consult Sales Desk

▲ Requires Solaris 2.4 or later.

- Add "X" before the Order Number to order as a standalone option for existing systems.

- Append "R4" for factory-installation in a System Cabinet, "R5" for Expansion Cabinet.